

ATTORNEY DOCKET NO.: SWEETING-PA-1

# DECLARATION AND POWER OF ATTORNEY: ORIGINAL APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **EFFICIENT SYNTHESIS OF TRIBOLUMINESCENT LANTHANIDE COMPLEXES** described in

☒ the specification herewith  
☐ provisional application serial no. \_\_\_\_\_, filed \_\_\_\_\_, ☐ patent no. \_\_\_\_\_, issued \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:  
Prior Foreign Application(s)

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, mo, yr)	PRIORITY CLAIMED
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I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)
60/220,992	July 27, 2000	Provisional

**POWER OF ATTORNEY:** As a named Inventor, I hereby appoint the following attorney(s) to prosecute this application and transact all business in The Patent and Trademark Office connected therewith:

Royal W. Craig Reg. No. 34,145

SEND CORRESPONDENCE TO:

Royal W. Craig  
Law Offices of Royal W. Craig  
210 N. Charles Street  
Suite 1319  
Baltimore, Maryland 21201

(101) FULL NAME OF INVENTOR SWEETING, Linda M.	FAMILY NAME SWEETING	FIRST GIVEN NAME Linda	SECOND GIVEN NAME Marie
RESIDENCE & CITIZENSHIP 506 Alabama Road US	CITY Baltimore	STATE Maryland	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS 506 Alabama Road, Baltimore, Maryland 21204			

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE OF INVENTOR 101

DATE July 18/01

Applicant or Patentee: SWEETING, Linda M.

Attorney's Docket No: SWEETING-PA-1

Serial or Patent No.: To be assigned

Filed or Issued: July 27, 2001

For: EFFICIENT SYNTHESIS OF TRIBOLUMINESCENT LANTHANIDE COMPLEXES

**STATEMENT CLAIMING SMALL ENTITY STATUS  
(37 CFR §1.27(a) and 1.27(c)(1)) - INDEPENDENT INVENTOR**

The below named inventor qualifies as an independent inventor as defined in 37 CFR §1.27(a) for purposes of paying reduced fees under sections 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled EFFICIENT SYNTHESIS OF TRIBOLUMINESCENT LANTHANIDE COMPLEXES described in

☒ the specification filed July 27, 2001

☐ provisional application serial no. \_\_\_\_\_, ☐ patent no. \_\_\_\_\_, ☐ issued ☐ filed

The below named inventor has not assigned, granted, conveyed or licensed and is under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR §1.27(a)(1) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR §1.27(a)(2) or a nonprofit organization under 37 CFR §1.27(a)(3).

Each person, concern or organization to which the below named inventor has assigned, granted, conveyed, or licensed or is under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below.

☒ no such person, concern, or organization

☐ persons, concerns, or organizations listed below

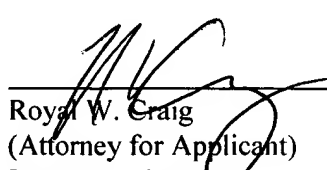
FULL NAME: Linda M. SWEETING

ADDRESS: 506 Alabama Road  
Baltimore, Maryland 21204

☒ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NON PROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, new determination of entitlement to small entity status, or notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR §1.27(g)(1)&(2)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made shall be considered as a fraud practiced or attempted on the Office (37 CFR §1.27(h)(1)&(2)), and are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

  
Royal W. Craig  
(Attorney for Applicant)

Reg. No. 34,145

Date July 27, 2001

09917308 072701

Applicant or Patentee: SWEETING, Linda M.

Attorney's Docket No. SWEETING-PA-1

Serial or Patent No.: [redacted] assigned

Filed or Issued: July 27, 2001

For: EFFICIENT SYNTHESIS OF TRIBOLUMINESCENT LANTHANIDE COMPLEXES

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY  
STATUS (37 CFR 1.27(a) and 1.27(c)(1)) - NON PROFIT ORGANIZATION**

FULL NAME: Towson University  
ADDRESS: 8000 York Road  
Towson, Maryland 21252-0001

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☒ NON PROFIT ORGANIZATION

I hereby declare that the above-identified non profit organization qualifies as a non profit organization as defined in 37 CFR 1.27(a)(3), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that it is a University located in the United States.


I hereby declare that rights under contract or law have been conveyed and remain with the non profit organization identified above with regard to the invention entitled EFFICIENT SYNTHESIS OF TRIBOLUMINESCENT LANTHANIDE COMPLEXES described in

☒ the specification filed herewith  
☐ provisional application serial no. \_\_\_\_\_ ☐ patent no. \_\_\_\_\_, ☐ issued ☐ filed ☐

The rights held by the above-identified non profit organization are exclusive and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small entity under 37 CFR 1.27.

I acknowledge the duty to file, in this application or patent, new determination of entitlement to small entity status, or notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR §1.27(g)(1)&(2)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made shall be considered as a fraud practiced or attempted on the Office (37 CFR §§1.27(h)(1)&(2)), and are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

  
Royal W. Craig  
(Attorney for Applicant)

Date 6/27/01

Reg. No. 34,145

09917308-072701